

## **REMARKS**

### **Status of the Claims**

Claims 31-66 are pending in the application.

Claims 1-30, 32-34, 36, 38 and 39 have been previously cancelled.

The Examiner has indicated that claims 40-60 and 64-66 are allowed.

No new matter has been added.

### **Rejections Under 35 U.S.C. § 112, Enablement**

The Examiner rejects claims 31, 35, 37, and 61-63 under 35 U.S.C. 112, first paragraph, as not being enabled. Applicants respectfully traverse.

The Examiner seems to require a showing of efficacy of in vivo administration of DMBT1. Applicants submit that in vivo data has been provided with the evidence in the Specification, showing that the presence of expressed DMBT1 decreased the sensitivity to an inflammatory agent (i.e. DSS).

Furthermore, Applicants provide the Declaration of Dr. Jan Mollenhauer, which provides confirmation that the supplementation with either the polypeptide or the peptides of the invention can be applied for cancer therapy. (Declaration, page 9) Further, the Declaration provides evidence that administration of DMBT1 (i.e. SEQ ID NO: 1 or SEQ ID NO: 2) in vitro (sections 6-8) decreases inflammatory factors. The Declaration also provides evidence of other individuals who have come to the conclusion that administration of DMBT1 would be effective to treat diseases caused by the agents recited in claim 31, namely compounds having at least one accessible sulfate and/or at least accessible phosphate group. (See the publication to Blackburn et al. 2007, attached to Declaration)

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicants respectfully petition for a one (1) month extension of time for filing a reply in connection with the present application, and the required fee of \$65.00 is attached hereto.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Susan W. Gorman Reg. No. 47,604 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Dated: May 25, 2010

Respectfully submitted,

By 

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Attachments: Declaration of Dr. Mollenhauer  
CV of Dr. Mollenhauer  
Blackburn et al.  
Tehatchou et al.